

Congo (Dem. Rep.)

Energy Efficiency/CO2 ¹ Indicators	Units	1980	1990	2000	2007
Key indicators					
Primary energy intensity (at purchasing power parities (ppp))	koe/\$05p	0.156	0.198	0.437	0.381
Primary energy intensity excluding traditional fuels (ppp)	koe/\$05p	0.025	0.032	0.034	0.028
Primary energy intensity adjusted to EU structure (ppp)	koe/\$05p	0.193	0.227	0.568	0.395
Final energy intensity (at ppp)	koe/\$05p	0.150	0.178	0.412	0.359
Final energy intensity at 2005 GDP structure ³ (ppp)	koe/\$05p	0.197	0.203	0.481	0.348
Final energy intensity adjusted to EU economic structure (ppp)	koe/\$05p	0.145	0.161	0.406	0.282
CO2 intensity (at ppp)	kCO2/\$05p	n.a.	0.048	0.060	0.047
CO2 emissions per capita	tCO2/cap	n.a.	0.08	0.04	0.04
Industry					
Energy intensity of industry (to value added) (at ppp)	koe/\$05p	0.124	0.171	0.582	0.395
Energy intensity of manufacturing (at ppp)	koe/\$05p	0.378	0.477	1.761	1.493
Unit consumption of steel	toe/t	n.a.	2.22	2.33	2.86
CO2 intensity of industry ² (to value added) (at ppp)	kCO2/\$05p	n.a.	0.050	0.078	0.056
CO2 emissions of industry ² per capita	tCO2/cap	n.a.	0.02	0.01	0.01
Transport					
Energy intensity of transport to GDP (at ppp)	koe/\$05p	0.006	0.005	0.008	0.006
Average consumption of road transport per equivalent car	toe/car equiv.	n.a.	n.a.	n.a.	n.a.
Unit consumption of goods per ton km	toe/tkm	n.a.	n.a.	n.a.	n.a.
CO2 intensity of transport to GDP (at ppp)	kCO2/\$05p	n.a.	0.011	0.017	0.012
CO2 emissions of transport per capita	tCO2/cap	n.a.	0.02	0.01	0.01
Residential, service and agriculture sectors					
Energy intensity of households (to private consumption) (at ppp)	koe/\$05p	0.195	0.194	0.429	0.317
Average electricity consumption of households per capita	kWh/cap	31	25	24	24
Average electricity consumption per household	kWh/hh	n.a.	n.a.	n.a.	n.a.
Average electricity consumption of electrified households	kWh/hh	n.a.	n.a.	n.a.	n.a.
Households consumption for electrical appliances and lighting	kWh/hh	n.a.	n.a.	n.a.	n.a.
Energy intensity of service sector (to value added) (at ppp)	koe/\$05p	0.008	0.002	0.000	0.000
Electricity intensity of service sector (to value added) (at ppp)	kWh/\$05p	24	0	0	0
Unit consumption of services per employee	toe/emp	0.05	0.01	n.a.	n.a.
Unit electricity consumption of services per employee	kWh/emp	144	0	n.a.	n.a.
Energy intensity of agriculture (to value added) (at ppp)	koe/\$05p	0	0.000	0.000	0.000
CO2 intensity of households (to private consumption) (at ppp)	kCO2/\$05p	n.a.	0.008	0.011	0.008
CO2 emissions of residential sector per household	tCO2/hh	n.a.	n.a.	n.a.	n.a.
CO2 intensity of service sector (to value added) (at ppp)	kCO2/\$05p	n.a.	0.006	0.001	0.000
CO2 emissions of service sector per employee	tCO2/emp	n.a.	0.03	n.a.	n.a.
CO2 intensity of agriculture (to value added) (at ppp)	kCO2/\$05p	n.a.	n.a.	n.a.	n.a.
CO2 emissions of agriculture sector per capita	tCO2/cap	n.a.	n.a.	n.a.	n.a.
Transformation sector					
Overall efficiency of energy transformations	%	100.3	62.6	85.0	81.8
Efficiency of total electricity generation	%	93.1	98.8	99.0	99.2
Rate of electricity transmission-distribution losses	%	8.3	19.8	3.8	3.7
Efficiency of thermal power plants	%	37.9	26.2	23.3	29.6
Diffusion of energy/CO2 efficient technologies and practices					
Per capita installed capacity of solar water heaters	m ² /1000inhab	n.a.	n.a.	n.a.	n.a.
Share of biofuels in road transport energy consumption	%	n.a.	n.a.	n.a.	n.a.
Share of biomass in industry energy consumption	%	78.9	86.3	91.4	90.8
Share of renewables in electricity generating capacity	%	95.9	97.7	97.7	97.7
Share of renewables in gross electricity consumption	%	97.6	99.6	126.4	126.7

¹ CO2 from fuel combustion

² incl. autoproducers

³ by main sector

GDP / PRICES	units	1980	1990	2000	2007
GDP per capita (at ppp)	\$05p/cap	1970	1594	675	756
Average electricity price (at ppp)	c05p/kWh	n.a.	n.a.	n.a.	n.a.
Average price of motor fuels (at ppp)	\$05p/l	n.a.	n.a.	2.16	n.a.